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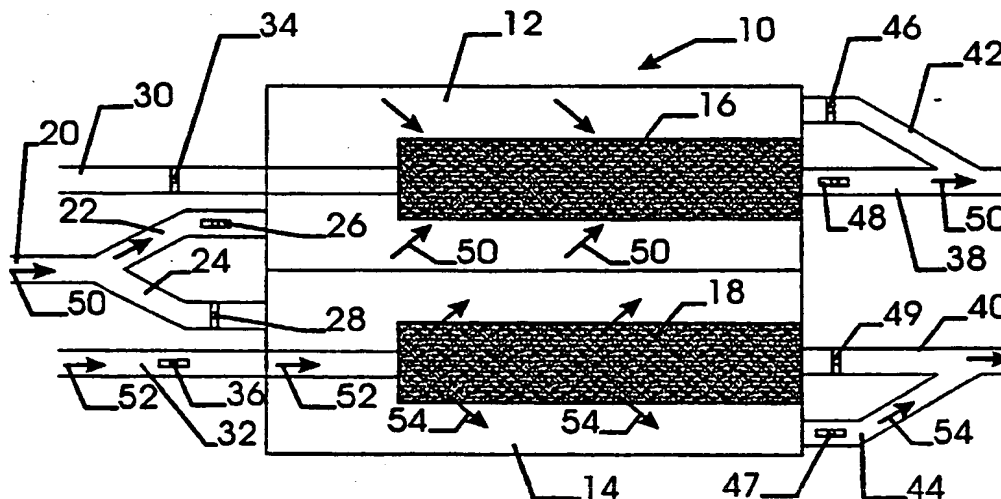
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(54) Title: **DIESEL EXHAUST PARTICULATE FILTER SYSTEM**



(57) Abstract: A method is provided for regenerating a filter of a diesel exhaust particulate filter system (10). The method comprises as steps: a) providing at least one porous membrane (16, 18); b) using said membrane (16, 18) as filter during a filtration period; c) using said membrane (16, 18) as a surface combustion burner membrane during a regeneration period.

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